

Program Agenda
26th Annual Making a Difference in Infectious Diseases (MAD-ID) Meeting
May 8-11, 2024

NOTE: Entire program constitutes 20.50 hours (2.05 CEU) for pharmacists, 18.00 AMA PRA Category 1 Credits™
 “AASP” denotes an Advanced Antimicrobial Stewardship Program session

Wednesday, May 8, 2024	
12:00 pm – 8:00 pm	Registration Desk
1:00 pm – 2:00 pm	<p>ID Educators Network Learning Lab <i>(not CME accredited)</i></p> <p>Active Learning for Didactic Education ACPE Program #: 0485-0000-24-004-L99-P (1.0 Contact Hour) ACPE Activity Type: Application</p> <p>Speakers: Meghan N. Jeffres, PharmD Beth Cady, PharmD Conan MacDougall, PharmD, MAS Christine Tabulov, PharmD and Kristy Shaeer, PharmD, MPH Jaclyn Cole, PharmD, Melissa Ruble, PharmD, Erini Serag-Bolos, PharmD</p>
2:00 pm – 3:30 pm	<p>ID Educators Network Curriculum for Residents <i>(not CME accredited)</i></p> <p>Optimizing Pharmacy Resident Education in Antimicrobial Stewardship ACPE Program #: 0485-0000-24-005-L99-P (1.5 Contact Hours) ACPE Activity Type: Application</p> <p>Moderator: Meghan N. Jeffres, PharmD Speakers: Elias B. Chahine, PharmD Conan MacDougall, PharmD, MAS</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Assess literature describing topics, knowledge, and skills used in the antimicrobial stewardship experiential curriculum for pharmacy residents 2. Develop curriculum guidance for PGY-1 pharmacy residents completing an antimicrobial stewardship learning experience using a Delphi model
1:00 pm – 3:30 pm	<p>Trainee Development Panel and Research Platforms <i>(not CE accredited)</i></p> <p>Panel Discussion and Networking Activity Invited Platform Presentations</p> <p>Moderator: David R. Ha, PharmD Panelists: Taylor Morrisette, PharmD, MPH Mande M. Noval, PharmD</p>
3:30 pm – 4:00 pm	Break
4:00 pm – 6:00 pm	<p>Classrooms #1- 4 <i>All Classrooms are 1 hour each then repeated, you may attend two of the four offered</i></p>
Classroom 1A	<p>Implementing Scholarship of Teaching and Learning in Your ID and Stewardship Practice ACPE Program #: 0485-0000-24-006-L01-P (1.0 Contact Hour) ACPE Activity Type: Application</p> <p>Moderator: Meghan N. Jeffres, PharmD Facilitator: Katie J. Suda, PharmD, MS</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Provide examples of the use of SoTL in infectious diseases and antimicrobial stewardship 2. Develop effective SoTL research questions for didactic or experiential settings

	3. Apply appropriate theoretical frameworks and research standards to SoTL in infectious diseases
Classroom 1B AASP	<p>Augmented Antibiograms and Case Studies ACPE Program #: 0485-0000-24-007-L01-P (1.0 Contact Hour) ACPE Activity Type: Application</p> <p>Moderator: Michael J. Rybak, PharmD, MPH, PhD Facilitator: Conan MacDougall, PharmD, MAS</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Describe the importance of and requirements for developing and maintaining institutional antibiograms 2. Discuss the advantages of specialized and population-focused antibiograms 3. Identify the key obstacles to develop specialized antibiograms
Classroom 1C AASP	<p>Case-based Guide for National Healthcare Safety Network Implementation ACPE Program #: 0485-0000-24-008-L01-P (1.0 Contact Hour) ACPE Activity Type: Application</p> <p>Moderator: Kerry L. LaPlante, PharmD Facilitator: Elizabeth S. Dodds Ashley, PharmD, MHS</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Describe the requirements for participation in the NSHN AU and AR options 2. Identify strategies and challenges in gathering and submitting data elements for the NHSN AU and AR options 3. Given a practice-based scenario, apply NHSN data to assess antimicrobial use and resistance trends
Classroom 1D AASP	<p>Antimicrobial Stewardship Program in Community Hospitals ACPE Program #: 0485-0000-24-009-L01-P (1.0 Contact Hour) ACPE Activity Type: Application</p> <p>Moderator: David R. Ha, PharmD Facilitator: Timothy P. Gauthier, PharmD</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Discuss approaches to launch or expand an antibiotic stewardship program in a community hospital setting 2. Identify strategies to improve program efficiency and overcome implementation barriers 3. Collaborate with stewardship partners and leadership to maximize program impact
6:30 pm – 8:00 pm	Welcome Reception

Thursday, May 9, 2024	
6:30 am – 6:30 pm	Registration/Hospitality Desk
7:00 am – 8:00 am	Continental Breakfast in Exhibit Hall
8:00 am – 10:00 am	<p>Classrooms #5-8 <i>All Classrooms are 1 hour each and then repeated; you may attend two of the four offered</i></p>
Classroom 2A AASP	<p>Pharmacy Directed Rapid Diagnostics Results and Therapy Changes ACPE Program #: 0485-0000-24-010-L01-P (1.0 Contact Hour) ACPE Activity Type: Application</p> <p>Moderator: Michael J. Rybak, PharmD, MPH, PhD Facilitator: Ashlan J. Kunz Coyne, PharmD, MPH</p> <p>Learning Objectives:</p>

	<p><i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Describe the advantages of rapid diagnostics for antimicrobial stewardship 2. Discuss challenges that impact the ability of rapid diagnostics to improve patient outcomes 3. Identify programs that employ pharmacists to improve the use of rapid diagnostics
<p>Classroom 2B AASP</p>	<p>Quality Improvement; Designing a Stewardship Intervention for The Joint Commission ACPE Program #: 0485-0000-24-011-L01-P (1.0 Contact Hour) ACPE Activity Type: Application</p> <p>Moderator: David R. Ha, PharmD Facilitator: Priya Nori, MD</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Identify key regulatory requirements for antibiotic stewardship programs 2. Prioritize stewardship interventions considering potential impact and feasibility 3. Describe implementation strategies and approaches to measure success and feedback for continuous improvement
<p>Classroom 2C</p>	<p>Stewarding the Supply, Dealing with Drug Shortages ACPE Program #: 0485-0000-24-012-L01-P (1.0 Contact Hour) ACPE Activity Type: Application</p> <p>Moderator: Meghan N. Jeffres, PharmD Facilitator: Erin R. Fox, PharmD, MHA</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Discuss the scope and factors contributing to drug shortages in the United States 2. Identify best practices for preparing for antimicrobial drug shortages 3. Given a practical scenario, outline a plan for responding to antimicrobial drug shortages
<p>Classroom 2D AASP</p>	<p>Successes and Struggles of Outpatient Antimicrobial Therapy Programs ACPE Program #: 0485-0000-24-013-L01-P (1.0 Contact Hour) ACPE Activity Type: Application</p> <p>Moderator: Kerry L. LaPlante, PharmD Facilitator: Ryan P. Mynatt, PharmD</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Identify and discuss best practices for optimizing and standardizing monitoring in OPAT settings 2. Describe essential stakeholders in a successful OPAT team 3. Apply stewardship principles to simplify outpatient antimicrobial regimens to optimize patient outcomes
<p>10:00 am – 10:30 am</p>	<p>Break in Exhibit Hall</p>
<p>10:00 am – 10:30 am</p>	<p>Exhibit Theater in Exhibit Hall</p> <p>Title: TBD Speaker: TBD Hosted by AbbVie</p>
<p>10:30 am – 10:45 am</p>	<p>Welcome and Opening Remarks Moderator: Michael J. Rybak, PharmD, MPH, PhD</p>
<p>10:45 am – 11:45 am</p>	<p>Keynote: Microbiome, Antibiotics, and Disease ACPE Program #: 0485-0000-24-014-L01-P (1.0 Contact Hour) ACPE Activity Type: Application</p> <p>Moderator: Kerry L. LaPlante, PharmD</p>

	<p>Speaker: Martin J. Blaser, MD</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Describe the relationship between the microbiome and human diseases 2. Explain the negative consequences of antibiotic-altered microbiota 3. Discuss potential strategies to support preservation of the microbiome
11:45 am – 1:30 pm	Lunch on own
11:45 am – 1:30 pm	<p>Satellite Symposium</p> <p>Elevating Patient Outcomes: Advancements in Preventing Catheter-Bloodstream Infections <i>(CE Credit is available with supplementary registration, see Symposium flyer for detail)</i></p>
1:30 pm – 3:00 pm AASP	<p>Antimicrobial Development and Pharmacokinetic/Pharmacodynamics ACPE Program #: 0485-0000-24-015-L01-P (1.5 Contact Hours) ACPE Activity Type: Application</p> <p>Moderator: Michael J. Rybak, PharmD, MPH, PhD</p> <p>Plenary 1A Pharmacokinetic/Pharmacodynamics Impact on ID and Antimicrobial Stewardship Speaker: Joseph L. Kuti, PharmD</p> <p>Plenary 1B New Antibiotics in the Pipeline Speaker: Robert Bonomo, MD</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Discuss the importance of PKPD in antimicrobial drug development and improving patient outcomes 2. Prioritize the pathogens with the greatest need for new anti-infectives 3. Discuss the future of PKPD and new antimicrobials on improving antimicrobial stewardship and resistance
3:00 pm – 3:30 pm	Break in Exhibit Hall
3:00 pm – 3:30 pm	<p>Exhibit Theater in Exhibit Hall</p> <p>Title: Use of host-response biomarkers to distinguish bacterial from viral infections in the Emergency Department; Just because we can, doesn't mean we should</p> <p>Speaker: David B. Hale, MD, PhD Hosted by Diasorin</p>
3:30 pm – 5:00 pm AASP	<p>Antifungal Therapeutics ACPE Program #: 0485-0000-24-016-L01-P (1.5 Contact Hours) ACPE Activity Type: Application</p> <p>Moderator: Meghan N. Jeffres, PharmD</p> <p>Plenary 2A What's New in Antifungal Therapy Speaker: Melissa D. Johnson, PharmD</p> <p>Plenary 2B Getting Started with Stewardship in Immunocompromised Hosts and Invasive Fungal Infections Speaker: Lilian M. Abbo, MD</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Describe the key and emerging fungal pathogens in immunocompetent and immunocompromised hosts 2. Compare and contrast current and emerging antifungal therapies 3. Describe key factors in applying and improving antifungal stewardship in immunocompromised patients

5:00 pm – 6:30 pm	Scientific Poster Session and Cocktail Reception in Exhibit Hall <i>(not accredited)</i>
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Friday, May 10, 2024

6:30 am – 6:00 pm	Hospitality Desk
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7:00 am – 8:00 am	Continental Breakfast in Exhibit Hall
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8:00 am – 9:30 am AASP	<p>Practice Guidelines for Gram-positive and Gram-negative ACPE Program #: 0485-0000-24-018-L01-P (1.5 Contact Hours) ACPE Activity Type: Application</p> <p>Moderator: Meghan N. Jeffres, PharmD</p> <p>Plenary 4A Updates in Gram-negatives, <i>Acinetobacter baumannii</i> complex, and <i>Stenotrophomonas</i> Speaker: Emily L. Heil, PharmD, MS</p> <p>Plenary 4B Updates in Gram-positives Speaker: Warren E. Rose, PharmD</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Describe challenging gram-negative and gram-positive pathogens 2. Discuss current guideline and guidance for treatment of key gram-negative and gram-positive pathogens 3. Identify the knowledge gaps and therapeutic challenges for treatment
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9:30 am – 10:00 am	Break in Exhibit Hall
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9:30 am – 10:00 am	<p>Exhibit Theater in Exhibit Hall</p> <p>Title: BREAKING THE CYCLE OF RECURRENCE: A Preventative Treatment Option For Recurrent <i>C. Difficile</i> Infection</p> <p>Speaker: Christopher M. Bland, PharmD Hosted by Nestlé Health Science/Seres Therapeutics</p>
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10:00 am – 11:30 am AASP	<p>Tech Innovations for Antimicrobial Stewardship ACPE Program #: 0485-0000-24-017-L01-P (1.5 Contact Hours) ACPE Activity Type: Application</p> <p>Moderator: David R. Ha, PharmD</p> <p>Plenary 3A Antimicrobial Stewardship and Artificial Intelligence Speaker: Elizabeth S. Dodds Ashley, PharmD, MHS</p> <p>Plenary 3B Artificial Intelligence and the Future of Infectious Diseases Speaker: Ravi Patel, PharmD, MBA, MS</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Define artificial intelligence and compare and contrast with existing clinical decision support and data analysis tools 2. Describe examples of successful application of artificial intelligence in infectious diseases and antimicrobial stewardship 3. Identify future directions and research needs in the practical use of artificial intelligence in infectious diseases and antimicrobial stewardship
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11:30 am – 1:30 pm	Lunch on own
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11:45 am – 1:30 pm	<p>Satellite Symposium</p> <p><i>Acinetobacter baumannii</i> Infections: Urgent Threats and Therapeutic Options <i>(CE Credit is available with supplementary registration, see Symposium flyer for detail)</i></p>
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<p>1:30 pm – 3:00pm AASP</p>	<p>Outpatient Priorities ACPE Program #: 0485-0000-24-019-L01-P (1.5 Contact Hours) ACPE Activity Type: Application</p> <p>Moderator: David R. Ha, PharmD</p> <p>Plenary 5A Clinical Updates in Vaccines Speaker: Jeffrey A. Goad, PharmD, MPH</p> <p>Plenary 5B Outpatient Antimicrobial Stewardship Speaker: Priya Nori, MD</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Outline recent updates to CDC ACIP vaccine recommendations and their supporting clinical evidence 2. Discuss core elements of outpatient antibiotic stewardship programs and approaches to analyze outpatient antibiotic data 3. Identify evidence-based outpatient antibiotic stewardship interventions and strategies to measure prescribing and program effectiveness
<p>3:00 pm – 3:30 pm</p>	<p>Break in Exhibit Hall</p>
<p>3:00 pm – 3:30 pm</p>	<p>Exhibit Theater in Exhibit Hall</p>
<p>3:30 pm – 5:00 pm AASP</p>	<p>Stewardship Across the Lifespan ACPE Program #: 0485-0000-24-020-L01-P (1.5 Contact Hours) ACPE Activity Type: Application</p> <p>Moderator: Michael J. Rybak, PharmD, MPH, PhD</p> <p>Plenary 6A Antimicrobial Stewardship in Pediatrics Speaker: Taylor Morrisette, PharmD, MPH</p> <p>Plenary 6B Antimicrobial Stewardship in Older Adults Speaker: Sarah Kabbani, MD</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Identify antimicrobial stewardship priorities and challenges in pediatric and older adult patients 2. Describe antibiotic use metrics and identify strategies to evaluate disparities in antibiotic use in children and older adults 3. Explain the application of the Core Elements of Antibiotic Stewardship in pediatric and older adult populations
<p>5:00 pm – 6:00 pm</p>	<p>Exhibitor Reception in Exhibit Hall</p>

<p>Saturday, May 11, 2024</p>	
<p>6:30 am – 1:00 pm</p>	<p>Hospitality Desk</p>
<p>7:00 am – 8:00 am</p>	<p>Continental Breakfast in Foyer</p>
<p>8:00 am – 9:30 am AASP</p>	<p>Updates in <i>C. difficile</i> and Live Biologic Products ACPE Program #: 0485-0000-24-021-L01-P (1.5 Contact Hours) ACPE Activity Type: Application</p> <p>Moderator: Kerry L. LaPlante, PharmD</p> <p>Plenary 7A Efficacy, Formulary, and Implementation Speaker: Kelly R. Reveles, PharmD, PhD</p> <p>Plenary 7B Live Biotherapeutic Products (LBPs); Safety, Operational Challenges, and Access Speaker: Kevin W. Garey, PharmD, MS</p>

	<p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Define the role of dysbiosis in <i>C. difficile</i> disease 2. Identify place in therapy for live biotherapeutic products (LBPs) for <i>C. difficile</i> 3. Discuss safety concerns and operational challenges in supply and access to LBPs
<p>9:30 am – 10:00 am</p>	<p>Break in Foyer</p>
<p>10:00 am – 11:30 am</p>	<p>What Did You Miss in Infectious Diseases in 2023-2024 ACPE Program #: 0485-0000-24-022-L01-P (1.5 Contact Hours) ACPE Activity Type: Application</p> <p>Moderator: David R. Ha, PharmD</p> <p>Plenary 8A/8B Hot Topics: What Did You Miss in Infectious Diseases 2023-2024 Speakers: Emily L. Heil, PharmD, MS Mandee M. Noval, PharmD</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. Identify major developments published in the ID literature from May 2023 through April 2024 2. Summarize important new clinical studies or guidelines impacting antimicrobial use and resistance 3. Discuss preliminary findings of key unpublished studies that were presented at recent ID conferences
<p>11:30 am – 12:30 pm</p>	<p>Meet the Professors ACPE Program #: 0485-0000-24-023-L01-P (1.0 Contact Hour) ACPE Activity Type: Application</p> <p>Facilitator: Michael J. Rybak, PharmD, MPH, PhD</p> <p>Panelist(s): Kevin W. Garey, PharmD, MS David R. Ha, PharmD Emily L. Heil, PharmD, MS Kelly R. Reveles, PharmD, PhD Ryan P. Mynatt, PharmD</p> <p>Learning Objectives: <i>Upon completion of this session, the participant will be able to:</i></p> <ol style="list-style-type: none"> 1. List the top antimicrobial controversies of 2023-2024 2. Identify a therapeutic intervention to address multidrug resistant pathogens 3. Describe an antimicrobial stewardship strategy or priority that directly relates to your practice or institution
<p>12:30 pm</p>	<p>Meeting Adjourns</p>